## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref<br># | Hits    | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|----------|---------|---|---|---------------------|---------|---------------------|
| L1       | 2607    | (toru and futami).in. (tomohiro and ohkawa).in. (tomoyuki and oikawa).in. (akira and kawai).in. (koji and katayama).in. (keiichiro and nishizawa).in. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/08/20<br>14:58 |
| L2       | 121     | L1 and channel  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/08/20<br>14:58 |
| L8       | 7732    | 422/234,198,199,211,130.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT             | OR ON               |         | 2009/08/20<br>15:06 |
| L9       | 635     | 8 and ((channel microchannel) same<br>(catalyst catalytic))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT             | OR ON               |         | 2009/08/20<br>15:07 |
| L10      | 262     | 9 and ((radiant radiat\$5 irradiat\$)<br>insulat\$5)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT             | OR                  | ON      | 2009/08/20<br>15:08 |
| L11      | 589313  | "422"/\$.ccls. "210"/\$.ccls. "435"/\$.<br>ccls. "436"/\$.ccls. "204"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT                      | OR ON               |         | 2009/08/20<br>15:12 |
| L12      | 2731222 | microchannel microfluidic channel<br>capillary  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT                      | OR ON               |         | 2009/08/20<br>15:12 |
| L13      | 443047  | immiscible ((aqueous polar) with<br>(organic nonpolar non-polar (non adj<br>polar)))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT                      | OR ON               |         | 2009/08/20<br>15:12 |
| L14      | 747451  | diffuse diffusivity diffusion   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT                      |                     |         | 2009/08/20<br>15:12 |
| L15      | 4621    | L13 same L14  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT                      | OR                  | ON      | 2009/08/20<br>15:12 |

| L16 |     | L15 and L11 and L12         | US-PGPUB;    | OR |    | 2009/08/20 |
|-----|-----|-----------------------------|--------------|----|----|------------|
|     |     |                             | USPAT;       |    |    | 15:12      |
|     |     |                             | USOCR; EPO;  |    |    |            |
|     |     |                             | JPO; DERWENT |    |    |            |
| L17 | 182 | 16 and (catalyst catalytic) | US-PGPUB;    | OR | ON | 2009/08/20 |
|     |     |                             | USPAT;       |    |    | 15:14      |
|     |     |                             | USOCR; EPO;  |    |    |            |
|     |     |                             | JPO; DERWENT |    |    |            |

## **EAST Search History (Interference)**

| Ref# | Hits | Search Query  | DBs         | Default Operator | Plurals | Time Stamp       |
|------|------|---|-------------|------------------|---------|------------------|
| L3   | 1604 | (microchannel channel).clm. and catalyst.clm.                               | USPAT; UPAD | OR               | ON      | 2009/08/20 15:01 |
| L4   | 258  | 3 and ((radiant radiat\$5 irradiat\$).<br>clm. insulat\$5.clm.)             | USPAT; UPAD | OR               | ON      | 2009/08/20 15:02 |
| L5   | 7882 | (microchannel channel).clm. and (circulat\$5 recirculat\$5 recycl\$5). clm. | USPAT; UPAD | OR               | ON      | 2009/08/20 15:05 |
| L6   | 1280 | 5 and ((radiant radiat\$5 irradiat\$).<br>clm. insulat\$5.clm.)             | USPAT; UPAD | OR               | ON      | 2009/08/20 15:05 |
| L7   | 78   | 6 and (catalyst catalytic)  | USPAT; UPAD | OR               | ON      | 2009/08/20 15:05 |

## 8/20/2009 3:18:20 PM

 $\textbf{C:} \ \textbf{Documents} \ \textbf{and Settings} \ \textbf{jleung} \ \textbf{My Documents} \ \textbf{EAST} \ \textbf{workspaces} \ \textbf{Regular Applications} \ \textbf{10-Series} \ \textbf{10-615976-2.wsp}$